IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DRUG DEL	<u>IVERY SYSTEMS AND</u>	WETHODS						
the specification of v	vhich (check one)							
[] is attached l	nereto.							
[X] was filed on	November 12, 1999 as I	United States Application No. 09/4	39,879					
	ended on	• •	•					
			: 4			· e	. :	
	as amended by any amen	d understand the contents of the about the distribution of the about the abo	ove-ide	minea	spec	nnca	uon,	
I acknowled defined in 37 C.F.R.	lge the duty to disclose inf §1.56.	formation which is known by me to	be ma	terial t	o pat	ental	ility	as
for patent or inventor country other than th any foreign applicati	r's certificate or 365(a) of a e United States of Americ	es under 35 U.S.C. 119(a)-(d) or 36 any PCT international application va, listed below and have also identicertificate, or of any PCT internationity is claimed:	vhich o fied be	lesigna low, b	ited a y che	t leas	st one g the	box,
	Pri	or Foreign Application(s)	N	ority lot imed		Cert Copy ES	Filed	!? !O
· (Number)	(Country)	(Day/Month/Year filed)	_ [J	[]	{	}
(Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
I hereby claim the be	enefit under 35 U.S.C. §11	9(e) of any United States provision	al appl	ication	ı(s) li	sted	belov	٧.
60/108,382		November 13, 199	8					
(Application Number	r)	(Filing Date)						
60/131,644		April 29, 1999						
(Application Number	r)	(Filing Date)						

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)	
(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)	
(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)	
(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)	
As a named in: Hamilton, Brook, Smi Customer No. 2100	th & Reyn	reby appoint the attorne olds, P.C., Two Militia	ys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799	
and			,	
			the Patent and Trademark Office connected therewith.	
,		ence to: [] Customer		
Transc seria co	or responde	or [X] Address t		
			3610W:	
HAM Two i	Militia Dri	BROOK, SMITH & RE	YNOLDS, P.C.	
Direct telephor	ne calls to:	Thomas O. Hoover, Es	q. Telephone No.: 781-861-6240	
Direct facsimil	les to:	Thomas O. Hoover, Es	q. Facsimile No.: 781-861-9540	
I hereby declar	re that all s	tatements made herein at		
knowledge that willful a Section 1001 of Title 18 of the application or an	false staten 8 of the Un y patent iss	e believed to be true; and nents and the like so mad ited States Code and that ued thereon.	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity	
knowledge that willful a Section 1001 of Title 18 of the application or an	false staten 8 of the Un y patent iss	e believed to be true; and nents and the like so mad ited States Code and that ued thereon.	I further that these statements were made with the le are punishable by fine or imprisonment, or both, under	
knowledge that willful section 1001 of Title 18 of the application or any	false statem 3 of the Un y patent iss	e believed to be true; and nents and the like so mad ited States Code and that ued thereon.	I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity	
knowledge that willful section 1001 of Title 18 of the application or any Full name of sole or first inventor	false statem 3 of the Un y patent iss Gilad L	e believed to be true; and nents and the like so mad ited States Code and that ued thereon.	I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity	
knowledge that willful section 1001 of Title 18 of the application or any Full name of sole or first inventor Inventor's Signature	false staten 8 of the Un 9 patent iss Gilad L	e believed to be true; and the like so mad ited States Code and that ued thereon.	I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity	
knowledge that willful section 1001 of Title 18 of the application or any Full name of sole or first inventor Inventor's Signature	false staten 8 of the Un 9 patent iss Gilad L Harav I	e believed to be true; and the like so mad ited States Code and that ued thereon. avi	I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity	
knowledge that willful section 1001 of Title 18 of the application or any Full name of sole or first inventor Inventor's Signature Residence	Gilad L Harav I Holon,	e believed to be true; and the like so mad ited States Code and that ued thereon. avi Bazov David 6 Israel 58497	I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity	

Full name of second joint		
inventor, if any		
Inventor's Signature		
	E/7 Chlamaia - Charat - DOD 4017	
	Gan-Yavne, Israel 70800	
Citizenship	Israel	
Post Office Address	Same as above	
Full-name of third joint-		
inventor, if any	Izrail Tsals	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Inventor's Signature	In Rad	Date <u>April 17, 200</u>
Residence	17 Rose Way	·
	Sudbury, Massachusetts 01776-1069	
Citizenship	U.S.A.	
Post Office Address	Same as above	· · · · · · · · · · · · · · · · · · ·
Full name of fourth joint		
inventor, if any	Joseph Gross	
Inventor's Signature		Date
Residence	82 Seafield Road	
	Dublin 3, Ireland	
	Israel	
Post Office Address	Same as above	

::ODMA\MHODMA\iManage;109354;1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

DRUG DELIVERY SYSTEMS AND METHODS

My residence, post office address and citizenship are as stated next to my name;

25

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which	h (check onė)					
is attached heret	to.					
[X] was filed on No	ovember 12, 1999 as	United States Application No. 09/4	39,879			
and was amende	ed on	(if applicable).				
		d understand the contents of the abo dment referred to above.	ove-ide	ntified	specific	ation,
I acknowledge t defined in 37 C.F.R. §1.5		formation which is known by me to	be ma	terial t	o patenta	bility as
for patent or inventor's co country other than the Un	ertificate or 365(a) of nited States of Americ or patent or inventor's	ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application va, listed below and have also identicertificate, or of any PCT internationity is claimed:	vhich d fied be	lesigna low, b	ted at lea	ast one ng the box
	<u>Pr</u>	ior Foreign Application(s)	N	ority lot imed		tified Filed? NO
Number)	(Country)	(Day/Month/Year filed)	_ {	}	[]	[]
Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
I hereby claim the benef	it under 35 U.S.C. §11	9(e) of any United States provision	ıal appl	ication	ı(s) listed	l below.
60/108,382		November 13, 199	8			
(Application Number)		(Filing Date)				
60/131,644 (Application Number)		April 29, 1999 (Filing Date)				
(Application Number)		(Filling Date)				

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
		ys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799
to prosecute this application a	nd to transact all business in	the Patent and Trademark Office connected therewith.
Please send correspond	ondence to: [] Customer or [X] Address I	No. Noted Above below:
HAMILTO Two Militia	Hoover, Esq. N, BROOK, SMITH & RE I Drive MA 02421-4799	YNOLDS, P.C.
Direct telephone call	s to: Thomas O. Hoover, Es	q. Telephone No.: 781-861-6240
	Thomas O. Hoover, Es	g. Facsimile No.: 781-861-9540
Direct facsimiles to:	· ·	q. Pacsimile (vo.: 781-801-3340
I hereby declare that made on information and beli- knowledge that willful false st	all statements made herein or ef are believed to be true; and tatements and the like so made e United States Code and that	f my own knowledge are true and that all statements if further that these statements were made with the le are punishable by fine or imprisonment, or both, under to such willful false statements may jeopardize the validity
I hereby declare that made on information and beli- knowledge that willful false st Section 1001 of Title 18 of the	all statements made herein or ef are believed to be true; and tatements and the like so made e United States Code and that	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under
I hereby declare that made on information and beliknowledge that willful false st Section 1001 of Title 18 of the of the application or any pater. Full name of sole	all statements made herein or ef are believed to be true; and tatements and the like so made e United States Code and that	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity
I hereby declare that made on information and belicknowledge that willful false structured from 1001 of Title 18 of the of the application or any pater. Full name of sole	all statements made herein of ef are believed to be true; and tatements and the like so made e United States Code and that it issued thereon.	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under
I hereby declare that made on information and belicknowledge that willful false st Section 1001 of Title 18 of the of the application or any pater. Full name of sole or first inventor Gil Inventor's Signature	all statements made herein of ef are believed to be true; and tatements and the like so made e United States Code and that it issued thereon.	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity
I hereby declare that made on information and belie knowledge that willful false st Section 1001 of Title 18 of the of the application or any pater. Full name of sole or first inventor Gill Inventor's Signature Residence Ha	all statements made herein of ef are believed to be true; and tatements and the like so made e United States Code and that it issued thereon.	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity
I hereby declare that made on information and belicknowledge that willful false st Section 1001 of Title 18 of the of the application or any pater. Full name of sole or first inventor	all statements made herein of the fare believed to be true; and tatements and the like so made United States Code and that it issued thereon.	f my own knowledge are true and that all statements I further that these statements were made with the le are punishable by fine or imprisonment, or both, under t such willful false statements may jeopardize the validity

Full name of second joi	nt	
inventor, if any	GNVgal	
Inventor's Signature		Date 7.3.7000
Residence	<i>3</i>	
	Gan-Yavne, Israel 70800	
Citizenship	Israel	
Post Office Address	Same as above	
Full name of third joint		
inventor, if any	Izrail Tsals	
Inventor's Signature		Date
Residence	17 Rose Way	
	Sudbury, Massachusetts 01776-1069	
Citizenship	U.S.A.	
	Same as above	
	nt	
inventor, if any	Joseph Gross	
Inventor's Signature		Date 6 149 RGH 200
Residence	82 Seafield Road	
	Dublin 3, Ireland	
Citizenship	Israel	
Post Office Address	Same as above	

::ODMA\MHODMA\iManage;109354;1